

BEGINNING

110. PERINER, Elton M.

**1105 - ISOLATED HUMAN SECRETED PROTEINS,
NUCLEOTIDE AND PEPTIDE SEQUENCES ENCODING HUMAN SECRETED PROTEINS, AND
USES THEREOF**

41302-CL001273

-160-

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• 213 • Human

400 → ω_{res}

- 17 -

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112 • PFT

113. Human

1100-5

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							20		25					30	
Lys	Ileu	Gly	Gln	His	Ileu	Ileu	Pro	Trp	Met	Asp	Arg	Ileu	Ser	Ileu	Glu
							35		40					45	
His	Ileu	Asn	Pro	Ser	Ileu	Tyr	Val	Gly	Ileu	Arg	Ileu	Ser	Ser	Ileu	Gln
							50		55					60	
Ala	Gly	Thr	Lys	Glu	Asp	Ileu	Tyr	Ileu	His	Ser	Ileu	Lys	Ileu	Gly	Tyr
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Gln	Gln	Cys	Ileu	Ileu	Gly	Ser	Ala	Phe	Ser	Glu	Asp	Asp	Gly	Asp	Cys
							85		90					95	
Gln	Gly	Lys	Pro	Ser	Met	Gly	Gln	Ileu	Ala	Ileu	Tyr	Ileu	Ileu	Ala	Ileu
							100		105					110	
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Glu Glu Ile Leu Lys Ala Gln Thr Pro Glu Gly His Phe Gly Asn Val		
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Tyr Ser Thr Pro Leu Ala Leu Gln Phe Leu Met Thr Ser Pro Met Arg		
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Asp Cys Leu Ala Pro Arg Val Met Leu Glu Pro Ala Ala Glu Thr Ile		
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Pro Gln Thr Gln Glu Ile Ile Ser Val Thr Leu Gln Val Leu Ser Leu		
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Leu Pro Pro Tyr Arg Gln Ser Ile Ser Val Leu Ala Gly Ser Thr Val		
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Glu Asp Val Leu Lys Lys Ala His Glu Leu Gly Gly Phe Thr Tyr Glu		
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Thr Gln Ala Ser Leu Ser Gly Pro Tyr Leu Thr Ser Val Met Gly Lys		
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Ala Ala Gly Glu Arg Glu Phe Trp Gln Leu Ieu Arg Asp Pro Asn Thr		
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Ile Glu Leu Arg Leu Val Ser Trp		
370	375	

C10: 4

C11: 400

C12: PRT

C13: Human

C400: 4

Met Arg His Leu Gly Ala Phe Leu Phe Leu Leu Gly Val Leu Gly Ala		
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Leu Thr Glu Met Cys Glu Ile Pro Glu Met Asp Ser His Leu Val Glu		
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Lys Ieu Gly Gln His Leu Leu Pro Trp Met Asp Arg Leu Ser Leu Glu		
35	40	45
His Ieu Asn Pro Ser Ile Tyr Val Gly Leu Arg Leu Ser Ser Leu Gln		
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Gln Gln Cys Leu Leu Gly Ser Ala Phe Ser Glu Asp Asp Gly Asp Cys		
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Gln Gly Lys Pro Ser Met Gly Gln Leu Ala Leu Tyr Leu Leu Ala Leu		
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Arg Ala Asn Trp His Asp His Lys Gly His Pro His Thr Ser Tyr Tyr		
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Gln Tyr Gly Leu Gly Ile Leu Ala Leu Cys Leu His Gln Lys Arg Val		
130	135	140

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 Thr Cys Leu Ile Asp Thr Asn Phe Arg Ile Gly Asp Arg Glu Arg; The
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 Thr Tyr Ile Asp Leu Ile Phe Pro Asp Cys Leu Ala Pro Arg Val Met
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          20          25          30
Lys Leu Gly Gln His Leu Leu Pro Trp Met Asp Arg Leu Ser Leu Glu
          35          40          45
His Leu Asn Pro Ser Ile Tyr Val Gly Leu Arg Leu Ser Ser Leu Gln
          50          55          60
Ala Gly Thr Lys Glu Asp Leu Tyr Leu His Ser Leu Lys Leu Gly Tyr

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Ser Gly Lys Pro Ser Met Gly Gln Leu Ala Leu Tyr Leu Ala Leu			
100	105	110	
Arg Ala Asn Cys Glu Phe Val Arg Gly His Lys Gly Asp Arg Leu Val			
115	120	125	
Ser Gln Leu Lys Trp Phe Leu Glu Asp Glu Lys Arg Ala Ile Gly His			
130	135	140	
Asp His Lys Gly His Pro His Thr Ser Tyr Tyr Sln Tyr Gly Leu Gly			
145	150	155	160
Ile Leu Ala Leu Cys Leu His Gln Lys Arg Val His Asp Ser Val Val			
165	170	175	
Asp Lys Leu Leu Tyr Ala Val Glu Pro Phe His Sln Gly His His Ser			
180	185	190	
Val Asp Thr Ala Ala Met Ala Gly Leu Ala Phe Thr Cys Leu Lys Arg			
195	200	205	
Ser Asn Phe Asn Pro Gly Arg Arg Gln Arg Ile Thr Met Ala Ile Arg			
210	215	220	
Thr Val Arg Glu Glu Ile Leu Lys Ala Gln Thr Pro Glu Gly His Phe			
225	230	235	240
Gly Asn Val Tyr Ser Thr Pro Leu Ala Leu Gln Phe Leu Met Thr Ser			
245	250	255	
Pro Met Arg Gly Ala Glu Leu Gly Thr Ala Cys Leu Lys Ala Arg Val			
260	265	270	
Ala Leu Leu Ala Ser Leu Gln Asp Gly Ala Phe Gln Asn Ala Leu Met			
275	280	285	
Ile Ser Gln Leu Leu Pro Val Ser Asn His Lys Thr Tyr Ile Asp Leu			
300	305	310	
Ile Phe Pro Asp Cys Leu Ala Pro Arg Val Met Leu Glu Pro Ala Ala			
315	320		
Ilu Thr Ile Pro Gln Thr Gln Gln Ile Ile Ser Val Thr Leu Gln Val			
325	330	335	
Ile Ser Leu Leu Pro Pro Tyr Arg Gln Ser Ile Ser Val Leu Ala Gly			
340	345	350	
Ser Thr Val Glu Asp Val Leu Lys Ala His Glu Leu Gly Gly Phe			
355	360	365	
Thr Tyr Glu Thr Gln Ala Ser Leu Ser Gly Pro Tyr Leu Thr Ser Val			
370	375	380	
Met Gly Lys Ala Ala Gly Glu Arg Glu Phe Trp Gln Leu Leu Arg Asp			
385	390	395	400
Pro Asn Thr Pro Leu Leu Gln Gly Ile Ala Asp Tyr Arg Pro Lys Asp			
405	410	415	
Gly Glu Thr Ile Glu Leu Arg Leu Val Ser Trp			
420	425		

M10.: 7

M11.: 427

M12.: PRT

M13.: Human.

M400.: 7

Met Arg His Leu Gly Ala Phe Leu Phe Leu Leu Gly Val Leu Gly Ala

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Leu Thr Glu Met Cys Gln Ile Pro Glu Met Asp Ser His Leu Val Glu

20 25 30

Lys Leu Gly Glu His Leu Leu Pro Trp Met Asp Arg Leu Ser Leu Glu
 35 40 45
 His Leu Asn Pro Ser Ile Tyr Val Gly Leu Arg Leu Ser Ser Leu Gln
 50 55 60
 Ala Gly Thr Lys Glu Asp Leu Tyr Leu His Ser Leu Lys Leu Gly Tyr
 65 70 75 80
 Gln Gln Cys Leu Leu Gly Ser Ala Phe Ser Glu Asp Asp Gly Asp Cys
 85 90 95
 Gln Gly Lys Pro Ser Met Gly Gln Leu Ala Leu Tyr Leu Leu Ala Leu
 100 105 110
 Arg Ala Asn Cys Glu Phe Val Arg Gly His Lys Gly Asp Arg Leu Val
 115 120 125
 Ser Gln Leu Lys Trp Phe Leu Glu Asp Glu Lys Arg Ala Ile Gly His
 130 135 140
 Asp His Lys Gly His Pro His Thr Ser Tyr Tyr Gln Tyr Gly Leu Gly
 145 150 155 160
 Ile Leu Ala Leu Cys Leu His Gln Lys Arg Val His Asp Ser Val Val
 165 170 175
 Asp Lys Leu Leu Tyr Ala Val Glu Pro Phe His Gln Gly His His Ser
 180 185 190
 Val Asp Thr Ala Ala Met Ala Gly Leu Ala Phe Thr Cys Leu Lys Arg
 195 200 205
 Ser Asn Phe Asn Pro Gly Arg Arg Gln Arg Ile Thr Met Ala Ile Arg
 210 215 220
 Thr Val Arg Glu Glu Ile Leu Ile Ala Gln Thr Pro Glu Gly His Phe
 225 230 235 240
 Gly Asn Val Tyr Ser Thr Pro Leu Ala Ser Gln Phe Leu Met Thr Ser
 245 250 255
 Pro Met Arg Gly Ala Glu Leu Gly Thr Ala Cys Leu Lys Ala Arg Val
 260 265 270
 Ala Leu Leu Ala Ser Leu Gln Asp Gly Ala Phe Gln Asn Ala Leu Met
 275 280 285
 Ile Ser Gln Leu Leu Pro Val Leu Asn His Lys Thr Tyr Ile Asp Leu
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 Ile Phe Pro Asp Cys Leu Ala Pro Arg Val Met Leu Glu Pro Ala Ala
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 Glu Thr Ile Pro Gln Thr Gln Glu Ile Ile Ser Val Thr Leu Gln Val
 325 330 335
 Leu Ser Leu Leu Pro Pro Tyr Arg Gln Ser Ile Ser Val Leu Ala Gly
 340 345 350
 Ser Thr Val Glu Asp Val Leu Lys Lys Ala His Glu Leu Gly Gly Phe
 355 360 365
 Thr Tyr Glu Thr Gln Ala Ser Leu Ser Gly Pro Tyr Leu Thr Ser Val
 370 375 380
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 385 390 395 400
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 Gly Glu Thr Ile Glu Leu Arg Leu Val Ser Trp
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